

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF040822\
 Data File : FF010298.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2022 09:25
 Operator : AJ\MA
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/11/2022
 Supervised By :mohammad ahmed 04/12/2022

Integration File: autoint1.e
 Quant Time: Apr 08 23:26:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF040122.M
 Quant Title :
 QLast Update : Fri Apr 01 11:58:56 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.634	5697058	47.663 ug/ml
Target Compounds			
1) N-OCTANE	2.272	6529987	49.828 ug/ml
2) N-DECANE	4.366	6698505	50.384 ug/ml
3) N-DODECANE	6.385	6608289	49.631 ug/ml
4) N-TETRADECANE	8.181	6587798	49.687 ug/ml
5) N-HEXADECANE	9.783	6593262	49.663 ug/ml
6) N-OCTADECANE	11.225	6733886	48.978 ug/ml
7) N-EICOSANE	12.536	6507313	48.434 ug/ml
8) N-DOCOSANE	13.735	6429128	48.050 ug/ml
10) N-TETRACOSANE	14.839	6373680	47.598 ug/ml
11) N-HEXACOSANE	15.860	6256838	47.172 ug/ml
12) N-OCTACOSANE	16.811	6158950	46.468 ug/ml
13) N-TRIACONTANE	17.699	6023519	45.621 ug/ml
14) N-DOTRIACONTANE	18.533	5789674	44.856 ug/mlm
15) N-TETRATRIACONTANE	19.315	5316376	45.678 ug/ml
16) N-HEXATRIACONTANE	20.054	4702863	45.090 ug/mlm
17) N-OCTATRIACONTANE	20.780	4212924	47.154 ug/ml
18) N-TETRACONTANE	21.668	4358970	49.760 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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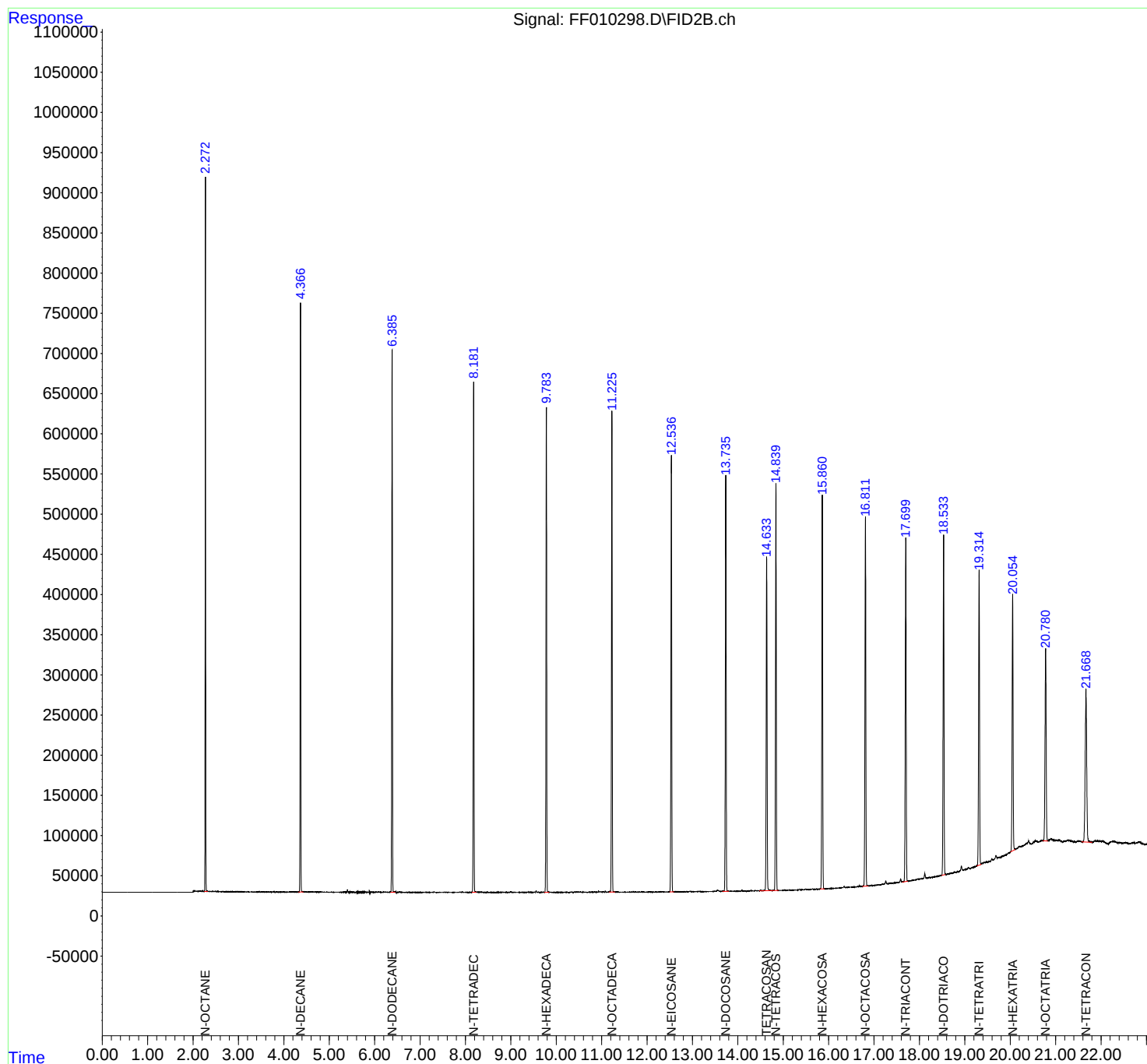
Instrument :
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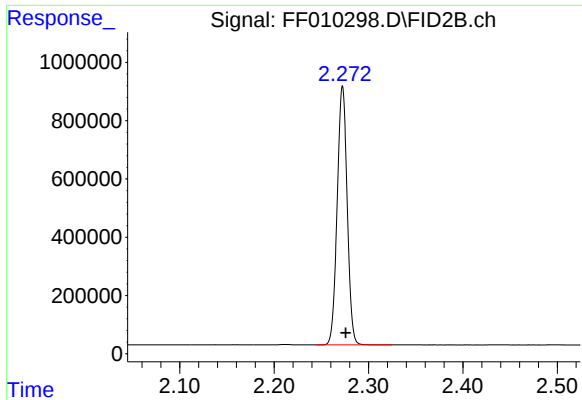
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#1 N-OCTANE

R.T.: 2.272 min
Delta R.T.: -0.004 min
Response: 6529987
Conc: 49.83 ug/ml

Instrument :

FID_F

ClientSampleId :

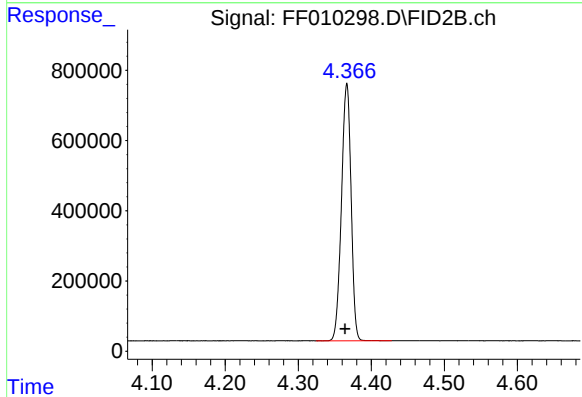
50 PPM TRPH STD

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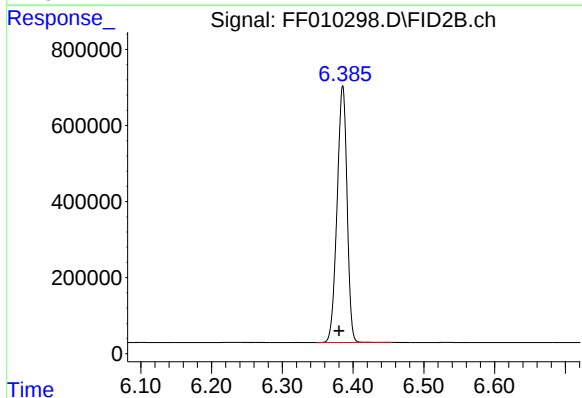
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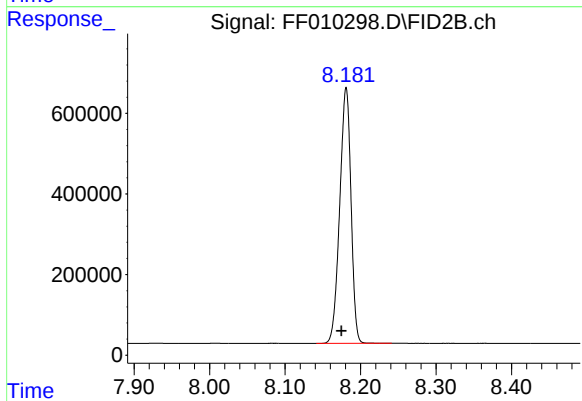
#2 N-DECANE

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 6698505
Conc: 50.38 ug/ml



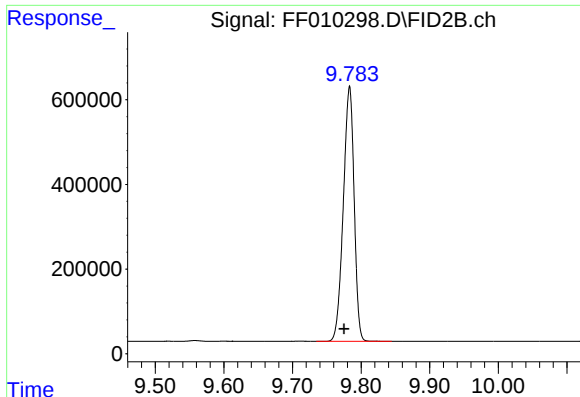
#3 N-DODECANE

R.T.: 6.385 min
Delta R.T.: 0.005 min
Response: 6608289
Conc: 49.63 ug/ml



#4 N-TETRADECANE

R.T.: 8.181 min
Delta R.T.: 0.006 min
Response: 6587798
Conc: 49.69 ug/ml



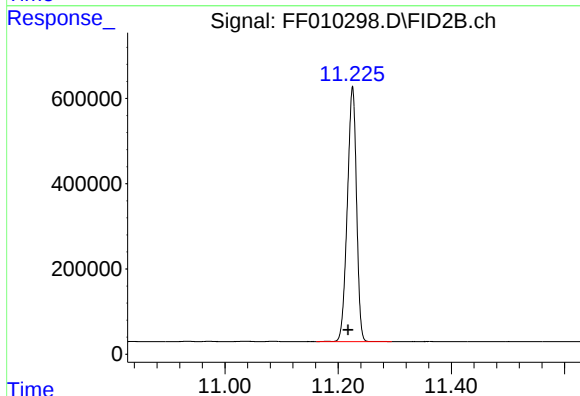
#5 N-HEXADECANE

R.T.: 9.783 min
Delta R.T.: 0.008 min
Response: 6593262
Conc: 49.66 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

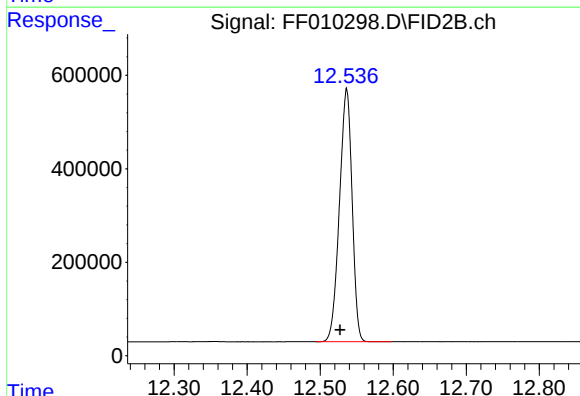
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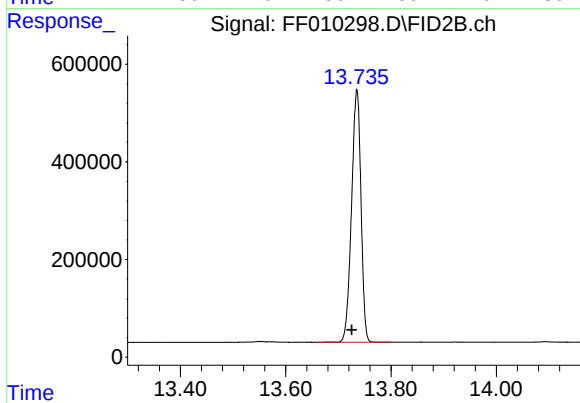
#6 N-OCTADECANE

R.T.: 11.225 min
Delta R.T.: 0.008 min
Response: 6733886
Conc: 48.98 ug/ml



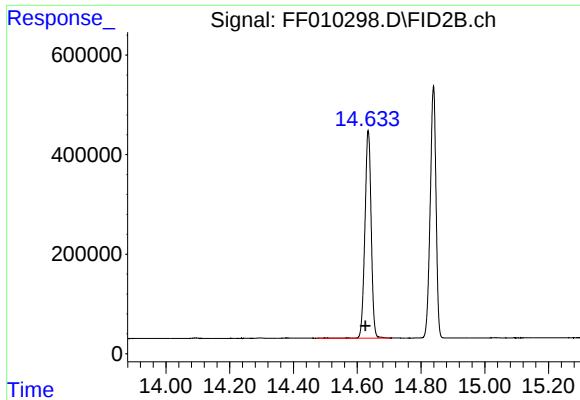
#7 N-EICOSANE

R.T.: 12.536 min
Delta R.T.: 0.009 min
Response: 6507313
Conc: 48.43 ug/ml



#8 N-DOCOSANE

R.T.: 13.735 min
Delta R.T.: 0.009 min
Response: 6429128
Conc: 48.05 ug/ml



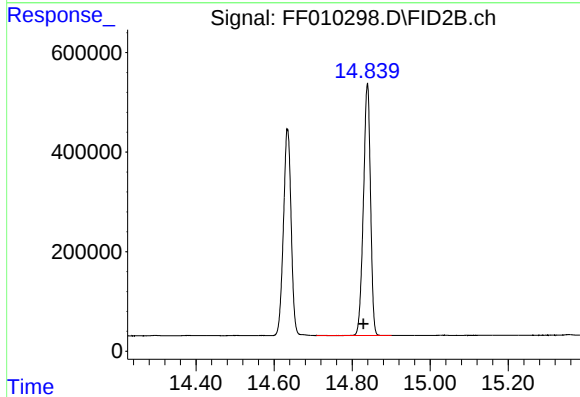
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.634 min
Delta R.T.: 0.009 min
Response: 5697058
Conc: 47.66 ug/ml

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50 PPM TRPH STD

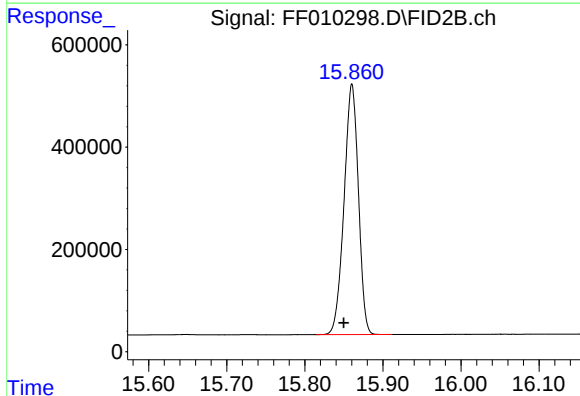
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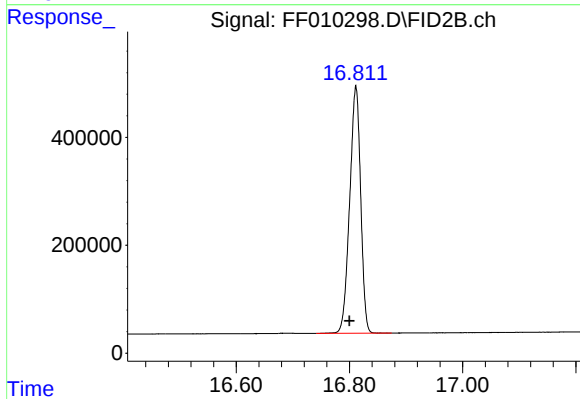
#10 N-TETRACOSANE

R.T.: 14.839 min
Delta R.T.: 0.010 min
Response: 6373680
Conc: 47.60 ug/ml



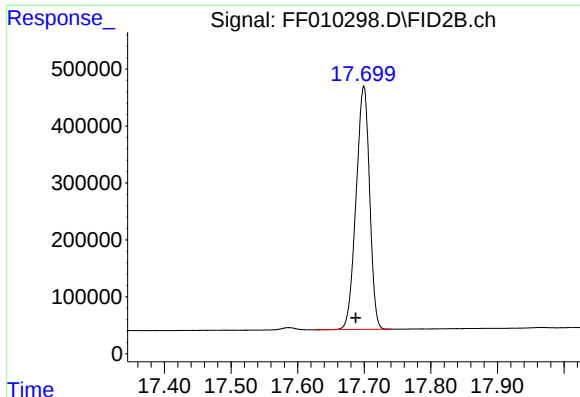
#11 N-HEXACOSANE

R.T.: 15.860 min
Delta R.T.: 0.011 min
Response: 6256838
Conc: 47.17 ug/ml



#12 N-OCTACOSANE

R.T.: 16.811 min
Delta R.T.: 0.012 min
Response: 6158950
Conc: 46.47 ug/ml



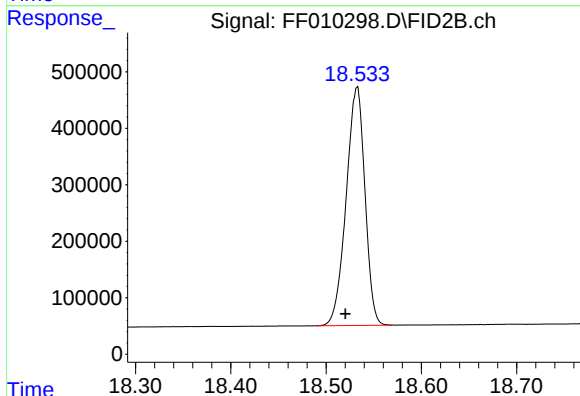
#13 N-TRIACONTANE

R.T.: 17.699 min
Delta R.T.: 0.012 min
Response: 6023519
Conc: 45.62 ug/ml

Instrument :
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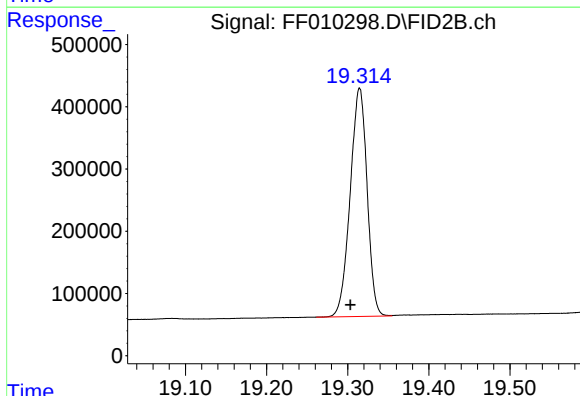
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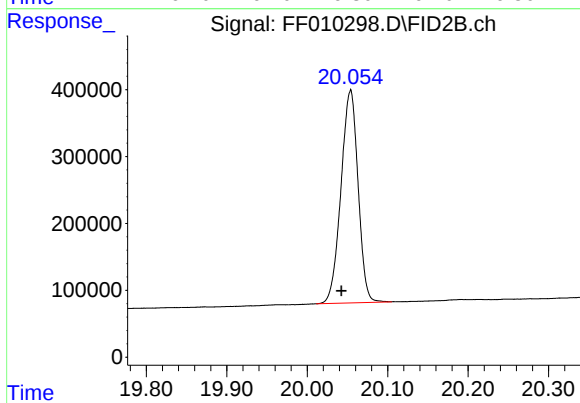
#14 N-DOTRIACONTANE

R.T.: 18.533 min
Delta R.T.: 0.013 min
Response: 5789674
Conc: 44.86 ug/ml m



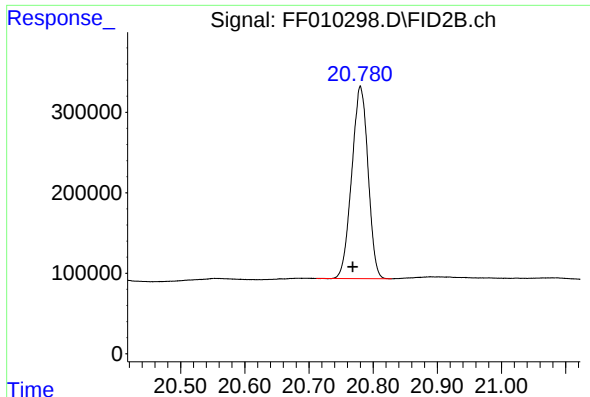
#15 N-TETRATRIACONTANE

R.T.: 19.315 min
Delta R.T.: 0.011 min
Response: 5316376
Conc: 45.68 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.054 min
Delta R.T.: 0.012 min
Response: 4702863
Conc: 45.09 ug/ml m



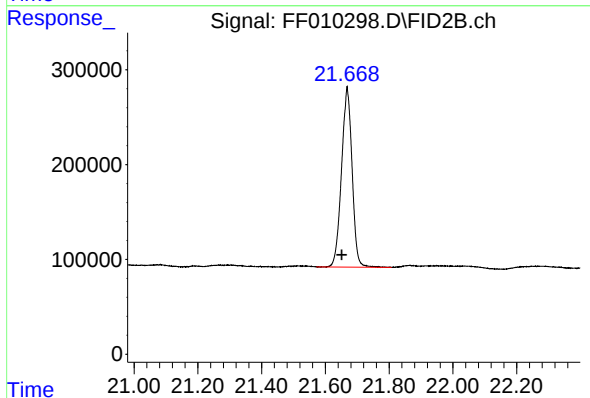
#17 N-OCTATRIACONTANE

R.T.: 20.780 min
Delta R.T.: 0.012 min
Response: 4212924
Conc: 47.15 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.668 min
Delta R.T.: 0.017 min
Response: 4358970
Conc: 49.76 ug/ml